

Fanshawe College

FIRST: Fanshawe Innovation, Research, Scholarship, Teaching

Documentation (Approvals etc...)

Information Security Management

2011

ISM1 Curriculum Modification for 2012-13

Fanshawe College

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PROGRAM/CURRICULUM "RATIONALE FOR CHANGES"

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REGISTRAR

All requests for changes to programs of instruction must be submitted to the Registrar's Office by December 1st each year for changes to be implemented for the following September intake. All changes require the approval of the Dean and possibly the VPA's Office, if significant.

REMINDER: We need to ensure that changes are made properly and in a timely manner to: maximize student success; optimize employment preparation; meet all quality and integrity responsibilities to MTCU, PQAPA and our Board of Governors; and meet community expectations.

- ↳ The **Program/Curriculum "Rationale for Changes"** should be completed using this template and all areas must be completed. An electronic copy of this document should be submitted to the Registrar's Office.
- ↳ The Dean/Chair responsible for the program should consult with other affected schools and obtain the appropriate sign-offs on a paper copy of this document. Once all consultations and sign-offs have occurred, the paper copy should be submitted to the RO
- ↳ Course Request Forms must also be submitted electronically to Strategy and Planning for all new courses. These will be forwarded to Scheduling following approval of the changes by the Dean and possibly the VPA's Office.

1.0 Program Requiring Changes

| | | |
|-------------------------|---------------------------------|--|
| Program Title: | Information Security Management | |
| Program Alpha & Number: | ISM1 | |
| Effective Catalog Year: | 2012/13 | |

Please answer each of the questions below, if applicable. Missing or incomplete information may delay approval and/or implementation of the proposed changes.

2.0 Rationale for Changes

2.01 Provide a brief description of the reasons for the proposed changes.

This program has been attracting a high percentage of International students. Currently 80% of the students in this program are International students from India. These students have been struggling in what we refer to as the essential employability skills. We feel a new course, in first semester, which focuses on skills such as communication, report writing, time management and critical thinking would be beneficial to assist the students to be academically successful in their new environment. As well this course would provide all the students with the skills necessary to pursue employment in the high paced security field. If we want to continue to encourage International students to take this program we need adopt approaches to help them be successful and that will provide a more positive experience for these students.

2.02 Students

- Are changes a response to student feedback? Or our Programs Data Report - Weak Factors? (summarize how changes address this issue)
The changes are a response to talking with the students and identifying where they need assistance and support
- How will changes affect student learning and success? (describe evidence to support this)

The new proposed course will help to develop the skills that the students need to be successful in the program and later when they find employment here in Canada.

- How will changes affect cost of the program for students? (e.g., materials fees; equipment fees - laptop program; OSAP implications)
It will add 2 hours to the first semester of the program
- How will changes affect the flow of the program?
These changes will greatly help the flow of the program. The students will now have the background to better handle the coursework, assignments, projects and tests from the other courses

2.03 Relationship of Program to Industry

- How do changes reflect trends in the field or in industry? (Provide data regarding industry and/or professional trends.)
The new proposed course will give the students an appreciation and understanding of the skills required to be successful in the program and prepare them for employment here in Canada

2.04 Program Learning Outcomes

- How do the changes align with Ministry outcomes? (Provide a copy of the completed program map indicating gaps/overlaps that are being corrected)

These changes will align with the following Program learning outcomes

1. employ knowledge of best practices of business processes and systems to integrate Information Technology strategies that support business functions
2. develop and deliver a corporate training program to communicate both orally and in writing the security requirements for compliance with security policies
3. develop best practices to protect business resources through the application of knowledge of vulnerabilities and exploits
4. prepare security documentation for approval by senior management and present results of security audits
5. apply project management principles in the deployment of security policies and strategies

2.05 Relationships with Other Fanshawe College Programs

- Is this course in a ladder program or part of any other Fanshawe College program?

N/A

2.06 Relations with Other Post-Secondary Programs

- How will the changes affect transfer agreements with other post-secondary institutions?
- What discussions have been initiated with these institutions regarding the changes?

N/A

2.07 Changes on Fit of Program with general College Requirements for Programs

- How do changes affect the fit of the program with the College's strategic plan, program mix, general education requirements, marketing?
If we want to attract more International students to this program we must support them so they can be successful
- Are changes consistent with Colleges policies/practices? (Identify specific areas where policies/practices need to be altered if program changes approved.)

N/A

3.0 Consultation Regarding Proposed Changes

3.01 Consultation With Program Advisory Committee

- Indicate feedback from the program advisory committee regarding the changes.

3.02 Consultation With Other Programs/Schools/Services

- What programs/schools/services have been consulted?
- What feedback and suggestions have been offered through consultation?

N/A

4.0 Resource Implications of Proposed Changes

4.01 Staffing

- Outline all staffing consequences, both for the program and related areas.

The new course will add two more teaching hours in first semester

4.02 Services

- Outline all consequences on other areas.

No impact

4.03 Space or Technology Requirements

- Outline how changes affect space and/or technology requirements.

The new course will require two more hours in a classroom

4.04 Budgetary Implications

- Outline budgetary implications (include consequences on other schools such as increase/decrease in teaching hours required)
- Outline changes to materials fees.

Increase in teaching hours (2 hours)

Approvals: Chair of School and Dean of Faculty; possibly VPA's Office, if significant

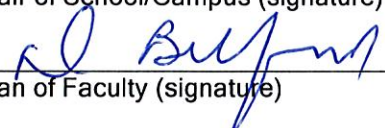
☒ Approved

☐ Not Approved / Requires Changes


Chair of School/Campus (signature)

Date

Nov. 28/11


Dean of Faculty (signature)

Date

Nov. 30, 2011

Chair of Servicing School, if required (signature)

Date

Vice-President, Academic, if required (signature)

Date



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Degree Audit Report

Catalog: 2012/2013

REGISTRAR**Program:** ISM1**Name:** Information Security Management**Department:** ITY - Information Technology**Academic Level:** PS**CCD:** 7 - 2AcadSem/600-700 hrs**Grade Scheme:** LG2**Major:** ISM1 - Information Security Mgmt**Div:** ITY - Information Technology Division**Co-Op Indicator:** N/A**Academic Program Requirement****Total Credits:** 40.00**Residency Reqmt:** 10.00**GPA Requirement:** 2.000**Residency Reqmt GPA:** 2.000**Minimum Grade:** D**Academic Requirement:** ISM1.12 Information Security Management**Major:** ISM1**Grade Scheme:** LG2**Minimum GPA:** 2.000**Minimum Grade:****Subrequirement:** Level 1

Take all of the following Mandatory Courses:

| | | Total Hours | Total Credits | GE |
|--|------------------------------|----------------|------------------|----|
| INFO-6001 | Information Security | 60.00 | 4.00 | |
| INFO-6002 | Network Systems & Components | 45.00 | 3.00 | |
| INFO-6003 | O/S & Applications Security | 60.00 | 4.00 | |
| INFO-6004 | Strategic IT | 45.00 | 3.00 | |
| INFO-6026 | Security Programming | 45.00 | 3.00 | |
| INFO-6027 | Security Planning | 45.00 | 3.00 | |
| <i>Add: MGMT-6051 Professional Practices</i> | | 30.00 | 2.00 | |

Subrequirement: Level 2

Take all of the following Mandatory Courses:

~~Group 1~~

| | | Total Hours | Total Credits | GE |
|-----------|--|----------------|------------------|----|
| INFO-6007 | Access Controls | 60.00 | 4.00 | |
| INFO-6008 | I.T. Auditing | 45.00 | 3.00 | |
| INFO-6009 | Network Monitoring & Penetration Testing | 45.00 | 3.00 | |
| INFO-6011 | Applied Project Management | 45.00 | 3.00 | |
| INFO-6012 | Hacking & Exploits | 60.00 | 4.00 | |

~~Group 2~~~~TAKE INFO-6010 OR INFO-6013~~

| | | Total Hours | Total Credits | GE |
|--|--|----------------|------------------|----|
|--|--|----------------|------------------|----|

| | | | | |
|----------------------|-----------------------|------------------|-----------------|--|
| INFO-6010 | CISSP Prep | 45.00 | 3.00 | |
| INFO-6013 | CISM Prep | 45.00 | 3.00 | |

*Delete***Subrequirement:** Check Residency

Students Must Complete a Minimum of 10 of the Program
Credits at Fanshawe to meet the Residency Requirement and
Graduate from this Program.

11/28/2011

Degree Audit Report

John
Approved By Chair/Manager:

LBW
Approved by Dean:

General Education Approved By(as appropriate):

ITY Nov 28/11
Department and Date:

Nov 30, 2011
Date:

Date:

D. Miller
Dec 19/11